



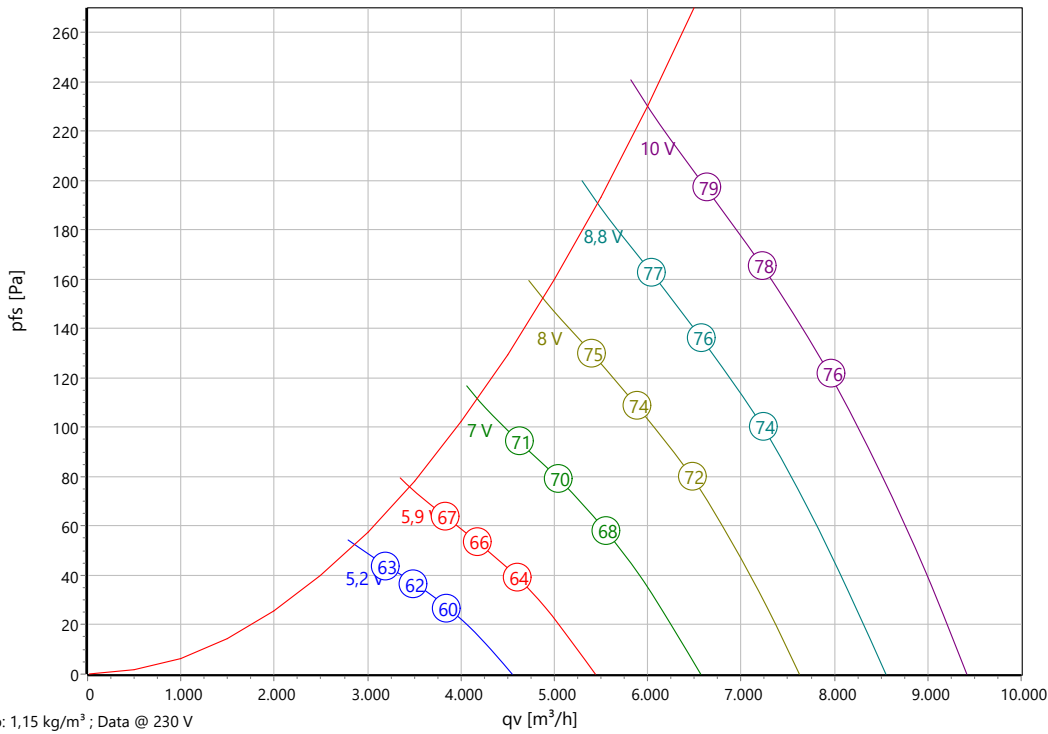
Type: **GQ 500 K.5FA KS**

Direction of airflow A

Part no.: E02-50003



**Curve:**



**ErP-Data:**

(EU) Nr. 327/2011	(Lot11)
$q_v$	6465 m³/h
$p_{fs}$	219 Pa
$\eta_{fs}$	41,7 %
$P_{ed}$	1,03 kW
$n$	1650 r/min
$N$	48
$v$	9,02 m/s

**Nominal Data:**

U [V]	f [Hz]	Data @ [V]	$P_{ed}$ [kW]	$I_N$ [A]	$n_N$ [r/min]	$t_R$ [°C]	$k_{10}$ [m²s/h]	Eff.-Rating	IP	m [kg]
1~200-277	50/60	230	1,05	4,65	1650	-25 .. +60	-	IE4	IP 54	15

**Sound Data:**

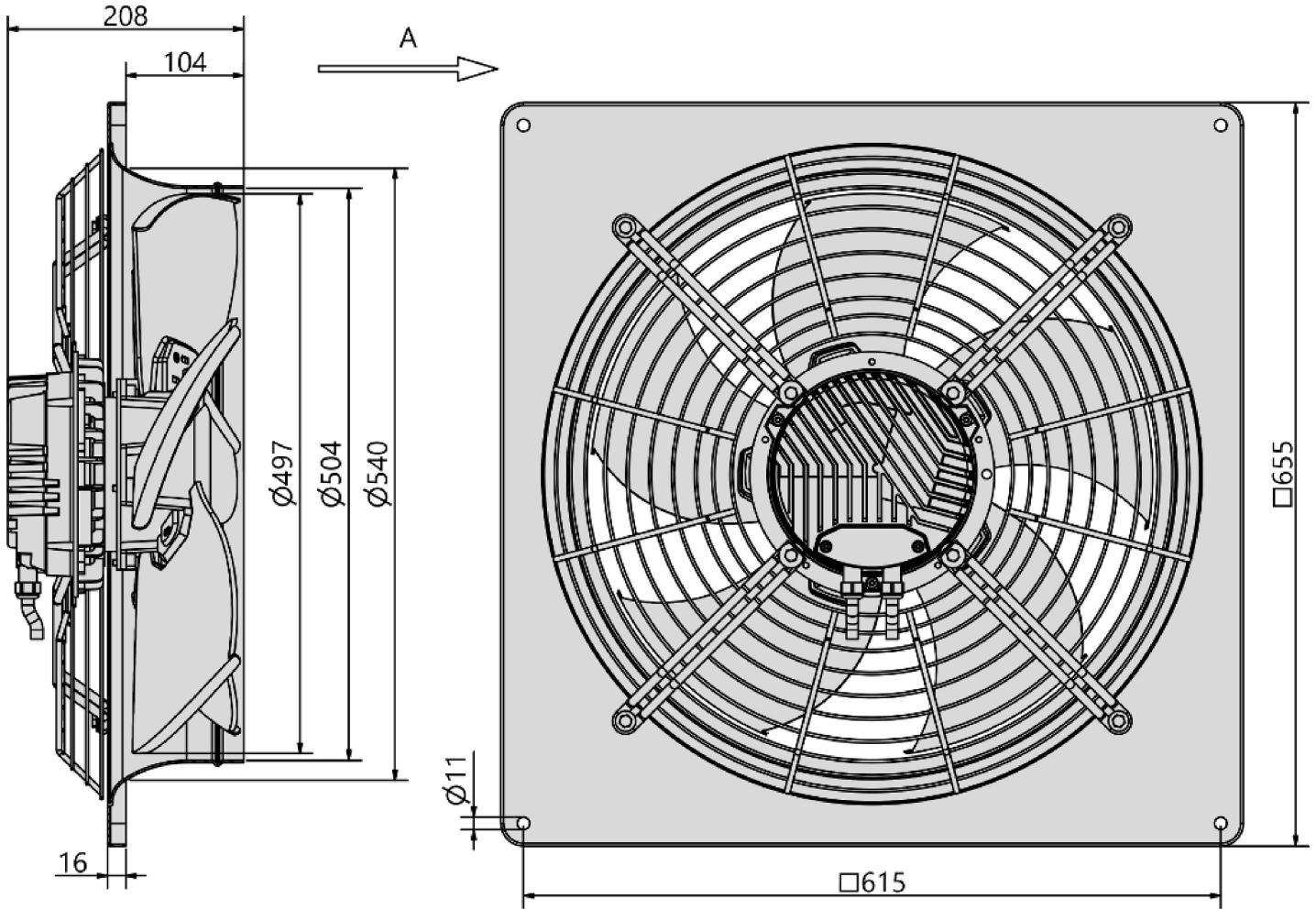
Frequency	$\Sigma$		125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	Distances	1 m	4 m
LwA(A,in) [dB(A)]	-	-	-17	-14	-9	-4	-5	-11	-16	LpA(A,in) [dB(A)]	-7	-17
LwA(A,out) [dB(A)]	1	-	-10	-9	-8	-4	-5	-11	-16	LpA(A,out) [dB(A)]	-6	-16



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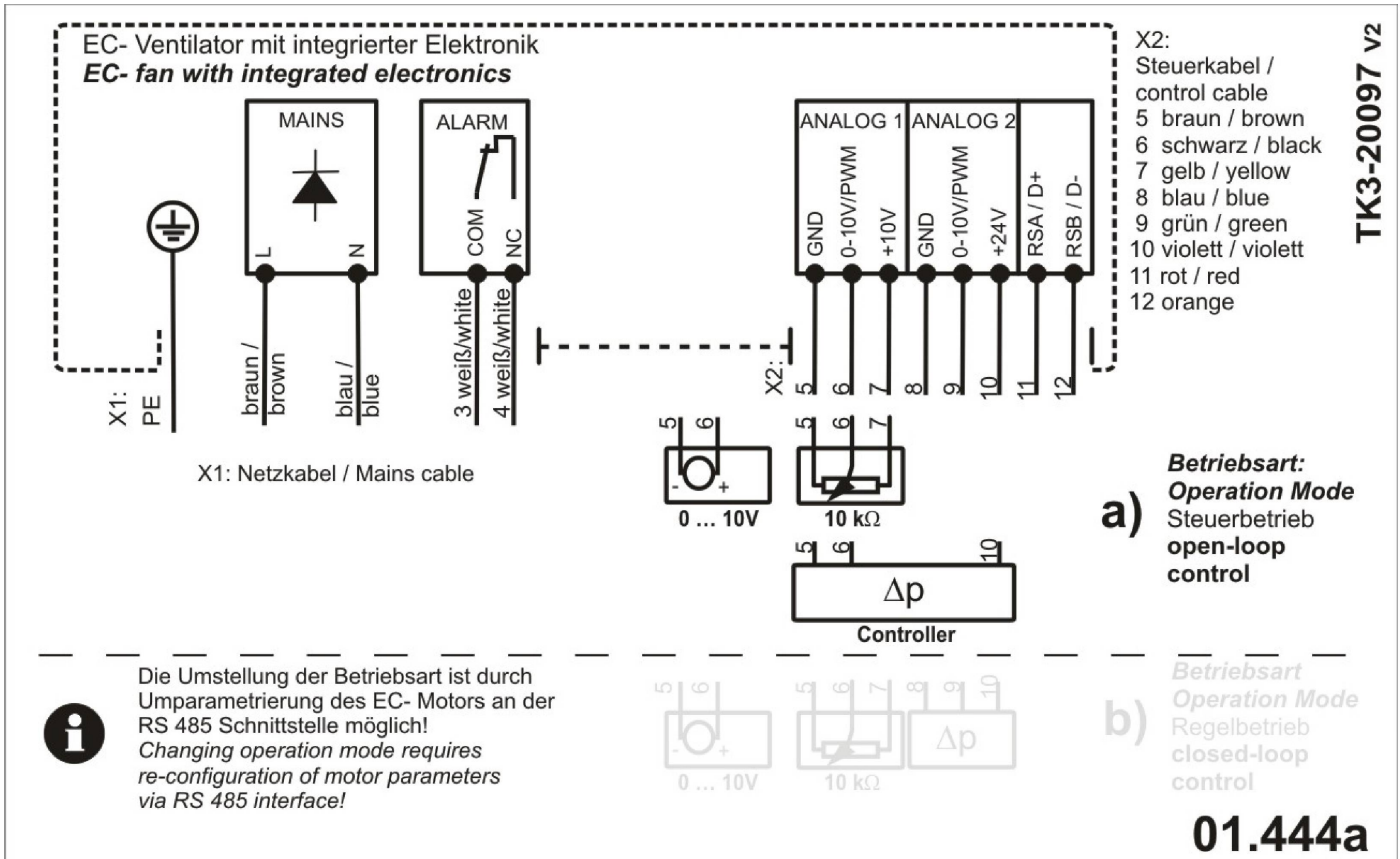




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### **Axial fan**

with square wall plate

Casing made from galvanized and plastic-coated steel, series plate mounted. Mounting either with horizontal or vertical motor shaft. Sickle-shaped Blade made from aluminum or coated steel sheet metal. Energy saving EC external - rotor motor exceeds IE4 / Super Premium Efficiency. Maintenance free ball bearings, closed on both sides with long-term lubrication. Magnets without rare earth elements. Motor coated black and/or die casted aluminum. Protection Class IP54 and insulation class F. 1-phase types with cable for supply and controlling and integrated active PFC (Power Factor Correction). 3-phase types with integrated terminal box and environmental resistant cable glands (3x M20x1,5). 100% speed controllable with integrated Motor Protection. ModBus RTU Interface integrated. Busconfiguration possible on site by customer. Soft Start. Potential-free Alarm Contact and integrated 24V Supply for Accessories. Applicable in all common energy grids. Low noise commutation. Motorized Impeller statically and dynamically balanced according to DIN ISO 21940-11 at least with quality level G6.3. The electrical connection via lead out connection cable. Air volume control is possible over an 0-10V Signal (accessory).

Fan complies with the guidelines required (Machinery -, EMC- and Low Voltage Directive) to comply with installation and conformity declaration as well as CE marking.

### **Nominal Data:**

Voltage

1~200-277 V

Frequency

50/60 Hz

Input power

1,05 kW

Current

4,65 A

Speed

1650 r/min

Medium temperature

60 °C

Protection Mode

IP 54

Efficiency Class

IE4

Weight

15 kg

Dimensions

655 mm / 655 mm / 205 mm

### **Contact:**

Rosenberg Ventilatoren BV

Elandlaan 8

NL - 3734 CP Den Dolder

<http://www.rosenberg.nl>

### **Type:**

GQ 500 K.5FA KS

### **Article-No.:**

E02-50003

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